

- Lantana glandulosissima Hayek (Italy)
Lippia hirsuta L. f. (Colombia)
Phyla nodiflora (L.) Greene (Egypt)
Premna microphylla Turcz. (Japan)
Tectona grandis L. f. (French Indo-china)
Verbena bracteata Lag. & Rodr. (Germany)
Verbena bonariensis L. (Canary Islands & Sweden)
Verbena elegans H.B.K. (Sweden)
Verbena elegans var. asperata Perry (Sweden)
Verbena hastata L. (Austria & Netherlands)
~~Verbena hybrida~~ Voss (Finland, Madeira, & Ohio)
Verbena mendocina R. A. Phil. (Sweden)
Verbena platensis Spreng. (Uruguay)
Verbena robusta Greene (Sweden)
Verbena simplex Lehm. (Sweden)
Verbena stricta Vent. (Denmark & Sweden)
Vitex divaricata Sw. (Scotland)

THE KNOWN GEOGRAPHIC DISTRIBUTION OF THE MEMBERS OF THE
ERIOCAULACEAE. SUPPLEMENT 5

Harold N. Moldenke

Since the preparation of the previous supplement to this list another eight hundred specimens of this group have been examined and annotated from the herbaria at the Naturhistoriska Riksmuseum at Stockholm, the Royal Botanic Gardens at Kew, the University of Georgia at Athens, the Facultad Nacional de Agronomia at Medellin, the Museo Comercial at Caracas, the Instituto Botanico della University at Florence (Italy), Oberlin College at Oberlin (Ohio), the University of Massachusetts at Amherst, and the Colegio Notra Señora de la Caridad at Santiago de Cuba, as well as the Government Herbarium at Salisbury (Southern Rhodesia), the Britton Herbarium at the New York Botanical Garden, the C. C. Deam Herbarium at Bluffton (Indiana), and the Fritz Lemperg Herbarium at Hatzendorf (Austria). This material has brought to light 10 new county or parish records, 27 new state, province, or department records, and 112 new country or island records, as well as certain necessary corrections of previously published records. There are also 99 additional names to be added to the alphabetized list of scientific names proposed in this group as published by me as a supplement to my original list.

UNITED STATES OF AMERICA:

Vermont:

Eriocaulon septangulare With. (Chittenden County)

New York:

Eriocaulon septangulare With. (Tioga County)

South Carolina:

Eriocaulon compressum Lam. (Dorchester County)

Georgia:

Syngonanthus flavidulus (Michx.) Ruhl. (Wayne County)

Florida:

Eriocaulon compressum Lam. (Escambia County)

Eriocaulon decangulare L. (Collier County)

Lachnocaulon Engleri Ruhl. (Osceola County)

Lachnocaulon minus (Chapm.) Small (Orange & Seminole Counties)

Wisconsin:

Eriocaulon septangulare With. (Douglas County)

CUBA:

Eriocaulon melanocephalum Kunth (Pinar del Río)

COLOMBIA:

Paepalanthus Barkleyi Moldenke (Antioquia)*

Paepalanthus fasciculatus (Rottb.) Körn. (Amazonas)

Paepalanthus pilosus (H.B.K.) Kunth (Antioquia)

Paepalanthus planifolius var. alpestris Körn. (Antioquia)

Tonina fluviatilis Aubl. (Chocó)

BRITISH GUIANA:

Paepalanthus lilliputianus Moldenke*

BRAZIL:

Eriocaulon Deslandesii Alv. Silv. (Santa Catharina)

Eriocaulon vaginatum Körn. (Rio Grande do Sul)

Paepalanthus brachyphyllus Ruhl. (Amazonas)

Paepalanthus Catharinae Ruhl. (Rio Grande do Sul)

Paepalanthus cururensis Moldenke (Pará)*

Paepalanthus dichotomus Klotzsch (Amazonas)

Paepalanthus Hilairei Körn. (Bahia)

Paepalanthus planifolius (Bong.) Körn. (São Paulo)

Paepalanthus planifolius var. conduplicatus Ruhl. (São Paulo)

Paepalanthus Ruhlantii Alv. Silv. (Rio Grande do Sul)

Syngonanthus akurimensis var. amazonicus Moldenke (Amazonas)*

Syngonanthus amazonicus Moldenke (Amazonas)*

Syngonanthus Blackii Moldenke (Pará)*

Syngonanthus euschemus Ruhl. (Pará)

Syngonanthus gracilis (Körn.) Ruhl. (Pará)

Syngonanthus niveus (Bong.) Ruhl. (São Paulo)

Syngonanthus paraënsis Ruhl. (Amazonas)

Syngonanthus reflexus Gleason (Pará)

Syngonanthus simplex (Miq.) Ruhl. (Amazonas)

Syngonanthus Widgrenianus (Körn.) Ruhl. (Paraná)

FRENCH GUINEA:

Paepalanthus Lamarckii Kunth

SIERRA LEONE:

Eriocaulon Adamesii Meikle*

LIBERIA:

Paepalanthus Lamarckii Kunth

SOUTHERN RHODESIA:

Eriocaulon africanum Hochst.Eriocaulon amphibium Rendle*Eriocaulon annuum Milne-RedheadEriocaulon bifistulosum Van Heurck & Muell.-Arg.Eriocaulon Buchananii Ruhl.Eriocaulon decipiens N. E. Br.Eriocaulon inyangense Arwidsson*Eriocaulon lacteum RendleEriocaulon matopense Rendle*Eriocaulon mutatum N. E. Br.Mesanthemum africanum MoldenkeSyngonanthus Schlechteri Ruhl.Syngonanthus Wahlbergii (Wikstr.) Ruhl.

TANGANYIKA TERRITORY:

Eriocaulon annuum Milne-Redhead -- delete the asterisk, for
the species is now known also from Southern RhodesiaPaepalanthus Lamarckii Kunth

BRITISH NIASALAND PROTECTORATE:

Eriocaulon decipiens N. E. Br.

PORTUGUESE EAST AFRICA:

Mesanthemum africanum Moldenke (Gazaland)Syngonanthus Schlechteri Ruhl. -- delete the asterisk, for
the species is now known also from Southern Rhodesia

KOREA:

Eriocaulon atrum NakaiEriocaulon decemflorum Maxim.Eriocaulon nipponicum Maxim.Eriocaulon parvum Körn.Eriocaulon sikokianum Maxim.Eriocaulon sphagnicolum Ohwi*Eriocaulon tenuissimum Nakai*

QUELPART ISLAND:

Eriocaulon atrum NakaiEriocaulon decemflorum Maxim.Eriocaulon hondoense SatakeEriocaulon robustius (Maxim.) Mak.

FORMOSA:

Eriocaulon Buergerianum Körn.Eriocaulon Miyagianum Koidz.Eriocaulon suishaense Hayata -- delete the asterisk, for
the species is known also from the Liukiu Islands

Eriocaulon trisectum Satake*

JAPAN:

Eriocaulon alpestre var. perpusillum Nakai -- to be deletedEriocaulon atroides Satake (Honshiu)*Eriocaulon atroides f. nanum Satake (Honshiu)*Eriocaulon atrum Nakai (Hokkaido, Kiushiu, Shikoku, & Tenegashima); delete the asterisk, for the species is now known also from Quelpart IslandEriocaulon atrum var. intermedium Nakai*Eriocaulon atrum var. platypetalum Satake*Eriocaulon Buergerianum Körn. (Honshiu, Kiushiu, & Shikoku)Eriocaulon cauliferum Mak. (Honshiu)Eriocaulon cinereum R. Br. (Kiushiu, Shikoku, Tenegashima, Tsushima, & Yakushima)Eriocaulon decemflorum Maxim. (Honshiu & Yakushima)Eriocaulon hananogoense Masamune (Yakushima)*Eriocaulon heleocharioides Satake (Honshiu)*Eriocaulon hondoense Satake (Izu Schichito & Shikoku); delete Yezo and the asterisk; the species occurs also on Quelpart IslandEriocaulon japonicum Körn. (Honshiu)Eriocaulon kusiroense Miyabe & Kudo (Hokkaido)*Eriocaulon Matsumurae Nakai (Honshiu)Eriocaulon Miquelianum Körn. (Honshiu, Kiushiu, Shikoku, & Tenegashima)Eriocaulon Miquelianum var. atrosepalum Satake*Eriocaulon monococos Nakai (Hokkaido & Honshiu)Eriocaulon Nakasimamum Satake (Kiushiu)*Eriocaulon nanellum Ohwi (Honshiu)*Eriocaulon nanellum var. albescens Satake (Honshiu)*Eriocaulon nanellum var. filamentosum Satake (Honshiu)*Eriocaulon nipponicum Maxim. (Hokkaido, Kiushiu, & Shikoku)Eriocaulon nipponicum var. glaberrimum Satake*Eriocaulon nosoriense Ohwi (Honshiu)Eriocaulon nudicuspe Maxim. (Honshiu)Eriocaulon pallescens (Nakai) Satake (Hokkaido)*Eriocaulon parvum Körn. (Honshiu, Kiushiu, & Shikoku); delete the asterisk for the species is known also from KoreaEriocaulon robustius (Maxim.) Mak. (Hokkaido, Tenegashima, & Tsushima); delete YezoEriocaulon robustius var. perpusillum (Nakai) Satake*Eriocaulon Sekimotoi Honda (Honshiu)*Eriocaulon Sekimotoi f. glabrum Satake (Honshiu)*Eriocaulon senile Honda (Honshiu, Kiushiu, Shikoku, & Tenegashima)Eriocaulon sikokianum Maxim. (Honshiu & Shikoku) -- delete the asterisk for the species is now known also from Korea